

7-30-01

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

j1046 U.S. PTO  
09/916424  
07/27/01

Docket No. YOR920010452US1

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Inventor(s):

**DAVID FREDERICK BANTZ, THOMAS E. CHEFALAS, ALEXEI A. KARVE, and STEVEN J. MASTRIANNI**For: **LOCATION DETERMINATION THROUGH SYNDROME ANALYSIS**

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York

Enclosed are also:

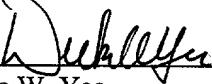
16 Pages of Specification including an Abstract  
 8 Pages of Claims (Claims 1 - 30 )  
 4 Sheet(s) of Drawings  
  
  
  
  
  
  
  
  
 A Declaration and Power of Attorney  
 Associate Power of Attorney  
 Form PTO 1595 and assignment of the invention to IBM Corporation  
 Information Disclosure Statement  
 Form PTO 1449 and References AA - AB

## CLAIMS AS FILED

| FOR                       | Number<br>Filed | Number<br>Extra | Rate         | Basic Fee<br>(\$710) |
|---------------------------|-----------------|-----------------|--------------|----------------------|
| Total Claims              | 30              | -20 =           | 10 X \$ 18 = | \$180.00             |
| Independent Claims        | 3               | -3 =            | 0 X \$ 80 =  | \$0                  |
| Multiple Dependent Claims | 0               |                 | X \$270 =    | \$0                  |
| <b>Total Filing Fee</b>   |                 |                 |              | <b>\$890.00</b>      |

Please charge \$890.00 to IBM Corporation, Deposit Account No. **50-0510**.  
 The Commissioner is hereby authorized to charge payment of the following fees associated with the communication or credit any over payment to IBM Corporation, Deposit Account No. **50-0510**. A duplicate copy of this sheet is enclosed.  
 Any additional filing fees required under 37 CFR § 1.16.  
 Any patent application processing fees under 37 CFR § 1.17.

Respectfully,

  
Duke W. Yee

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## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" mailing label number EL750737530US. Date of deposit July 27, 2001. I hereby certify that the papers or fees listed below are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Rebecca Clayton  
Rebecca Clayton

ENCLOSED are the following documents, being sent by "Express Mail":

1. Transmittal Letter in duplicate;
2. Associate Power of Attorney;
3. Recordation in duplicate;
4. Assignment (1);
5. Declaration and Power of Attorney (1);
6. Patent Application ( 16 pgs. spec. & abstract, 8 pgs. Claims 1 - 30 );
7. 4 pages of drawings;
8. Information Disclosure Statement;
9. Form PTO 1449;
10. References AA - AB ; and
11. Two return postcards.